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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/162,849	09/29/1998	YUMI SUZUKI	FUJA	9310

26304 7590 06/03/2003

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NEW YORK, NY 10022-2585

EXAMINER

ANYA, CHARLES E

ART UNIT	PAPER NUMBER
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2126

18

DATE MAILED: 06/03/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

ppe

Office Action Summary

Application No.

09/162,849

Applicant(s)

SUZUKI ET AL.

Examiner

Charles E Anya

Art Unit

2126

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 March 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-3 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-3 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Examiner requests a copy of the prior art referenced on page 4 so that this application is fully considered.

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1 – 3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Applicant's admitted prior art (Hereinafter referred to as APA) in view of German Pat. No 4,333,004 to Wolfgang.

As to claim 1, APA teaches an SDL Execution Unit (SDL Block 72 page 4 lines 34 – 37), an External Environment Description Unit (Environment Unit 71 page 4 lines 20 – 33, page 5 lines 1 – 28), a pseudo internal signal generator (Signal Generator 74 page 4 lines 20 – 25) and an Operating System (Operation System 73 page 4 lines 20 – 25).

APA is silent with reference to an adapter that includes a queue manager, connecting the SDL execution unit and external environment description unit through the adapter such that messages, events or parameters are exchanged between them, assigning a single task by the operating system and executing the task so that the pseudo internal

generator may transfer the signals between the SDL execution unit and the external environment description unit.

Wolfgang teaches an adapter that includes a queue manager (“...monitor...” page 3 lines 1 – 10, page 4 lines 3 – 17, figure 1), connecting the SDL execution unit and external environment description unit through the adapter such that messages, events or parameters are exchanged between them (Figure 1 page 5 lines 8 – 25, page 6 lines 1 – 25), assigning a single task by the operating system (“...single operating system process...” page 4 lines 19 – 25) and executing the task so that the pseudo internal generator may transfer the signals between the SDL execution unit and the external environment description unit (“...monitor...” page 4 lines 14 – 18). It would have been obvious to apply the teaching of Wolfgang to the system of APA. One would have been motivated to make such a modification in order to improve the dynamic propagation time effectiveness (page 5 lines 1 – 4).

As to claim 2, APA teaches the method of receiving information from the external environment description unit and converting signals (signal generator 74/signal receiver 75 page 4 lines 20 – 25). Wolfgang teaches monitoring an internal queue and activating internal queue such that converted signals are transferred to the SDL execution unit (“...monitor...” page 3 lines 1 – 10, page 4 lines 3 – 17As to claim 3, claim 1).

As to claim 3, claim 1 covers claim 3.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles E Anya whose telephone number is (703) 305-3411. The examiner can normally be reached on M-F (8:30-5:30) First Friday off.

The fax phone numbers for the organization where this application or proceeding is assigned are (703) 746-7239 for regular communications and (703) 746-7240 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Charles E Anya
Examiner
Art Unit 2126

